

Converting Colors

Yxy(22.0438, 0.5172, 0.2623)

Have a look what the booklet for
Yxy(22.0438, 0.5172, 0.2623)
contains.

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Color

Yxy(21.9564, 0.5171, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	FC0074
RGB	252, 0, 116
RGB Percent	99%, 0%, 45%
CMY	0.0117, 1.0000, 0.5451
CMYK	0.00, 1.00, 0.54, 0.01
HSL	332°, 100%, 49%
HSV	332°, 100%, 99%
XYZ	43.3015, 21.9564, 18.4812
YIQ	88.5720, 112.9560, 89.5000

Conversions

Conversions Part 2

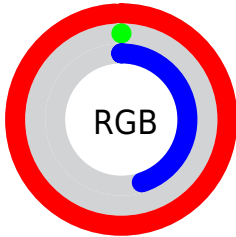
Format	Color
R_{YB}	252, 0, 116
Decimal	16515188
CIE _{Lab}	53.98, 83.09, 9.92
CIE _{LCh}	54, 83.681, 6.809
Yxy	21.9564, 0.5171, 0.2622
Android (android.graphics.Color)	4294705268 (0xFFFC0074)
YUV	88.5720, 13.5220, 143.3264
Hunter-Lab	46.8577, 82.9523, 9.4157

Details

The Yxy color **21.9564, 0.5171, 0.2622** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **71.4073, 0.2695, 0.4902**, and the grayscale version is **9.8428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8225, 0.4177, 0.2603**, and **11.1210, 0.5514, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **21.9592, 0.5171, 0.2622**, and if you desaturate by 10%, it is **23.0032, 0.4913, 0.2539**.

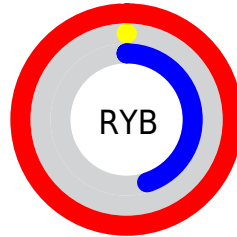
Distribution



Red (99%)

Green (0%)

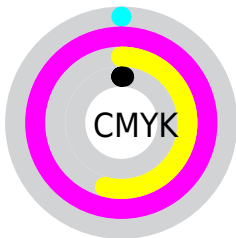
Blue (45%)



Red (99%)

Yellow (0%)

Blue (45%)

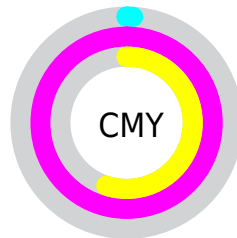


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9564, 0.5171, 0.2622 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 21.9564, 0.5171, 0.2622 by changing the saturation by 10% instead.


 21.9564, 0.5171,
0.2622


 21.9564, 0.5171,
0.2622


262.3185, 0.4036,
0.3019


 13.8249, 0.5486,
0.2502


 46.6739, 0.4734,
0.2782

 7.9990, 0.5904,
0.2335


 64.0287, 0.4577,
0.2837


 4.0943, 0.6477,
0.2093

 85.2267, 0.4447,
0.2882

 1.7264, 0.7281,
0.1727

 110.6523, 0.4338,
0.2919

 0.4407, 0.8932,
0.1068

 140.6899, 0.4246,
0.2950

 0.0000, 1.0000,
0.0000

175.7238, 0.4166,

 0.0000, 0.0000,

0.2976

0.0000

216.1386, 0.4097,
0.2999

■ 21.9564, 0.5171,
0.2622

■ 21.9564, 0.5171,
0.2622

■ 21.9592, 0.5171,
0.2622

■ 23.0032, 0.4913,
0.2539

■ 25.0034, 0.4640,
0.2507

■ 28.2404, 0.4366,
0.2528

■ 32.8855, 0.4107,
0.2593

■ 39.0827, 0.3873,
0.2690

■ 46.9577, 0.3668,
0.2806

■ 56.6234, 0.3494,
0.2929

■ 68.1829, 0.3348,
0.3054

■ 81.7311, 0.3227,
0.3175

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.9564, 0.3665, 0.1951



21.9564, 0.5171, 0.2622



21.9564, 0.5876, 0.3387

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9564, 0.5171, 0.2622



21.9564, 0.3346, 0.6073



21.9564, 0.1041, 0.1550

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.9564, 0.5171, 0.2622



71.4073, 0.2695, 0.4902

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.9564, 0.0986, 0.2205



21.9564, 0.5171, 0.2622



21.9564, 0.2170, 0.5521

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.9564, 0.5171, 0.2622



21.9564, 0.4545, 0.5287



21.9564, 0.1319, 0.3647



21.9564, 0.1437, 0.1372

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.9564, 0.5171, 0.2622



21.9564, 0.5735, 0.3948



21.9564, 0.1319, 0.3647



21.9564, 0.0987, 0.1701

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.9592, 0.5171, 0.2622



58.1406, 0.3494, 0.2929



12.1310, 0.2072, 0.0915



11.4988, 0.3564, 0.2876



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.9592, 0.5171, 0.2622



22.5534, 0.5172, 0.2623



20.8804, 0.6384, 0.3313



17.3581, 0.3221, 0.3181



11.4664, 0.5131, 0.2600



1.0831, 0.4842, 0.2441

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.9592, 0.5171, 0.2622



22.5534, 0.5172, 0.2623



71.4981, 0.2218, 0.3184



17.3581, 0.3221, 0.3181



11.4664, 0.5131, 0.2600



1.0831, 0.4842, 0.2441

Previews

White Background



This preview shows how the Yxy color 21.9564, 0.5171, 0.2622 looks on a white background.

Color Contrast Check

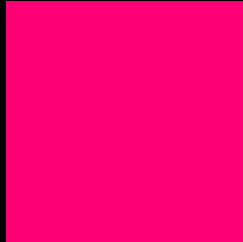
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 21.9564, 0.5171, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.9564, 0.5171, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 21.9564, 0.5171, 0.2622.



This preview shows how white text looks on a background with the Yxy color 21.9564, 0.5171, 0.2622.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.9564, 0.5171, 0.2622

Protanopia

22.5207, 0.2654, 0.2638

Deuteranopia

22.3832, 0.3690, 0.3609



Tritanopia

22.2832, 0.6007, 0.3304

Trichromacy



Original Color

21.9564, 0.5171, 0.2622



Protanomaly

16.5293, 0.3442, 0.2313



Deuteranomaly

17.5545, 0.4351, 0.2891



Tritanomaly

21.6577, 0.5804, 0.3066

Monochromacy



Original Color

21.9564, 0.5171, 0.2622



Achromatopsia

9.9899, 0.3127, 0.3290



Achromatomaly

10.1230, 0.4087, 0.2598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9564, 0.5171, 0.2622 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 116)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.9564, 0.5171, 0.2622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 0, 116) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 0, 116) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 0, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9564, 0.5171, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 116) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252, 0,  
116) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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